

## Appendix Y – Analysis of Most Costly Outpatient Therapy Patients (Top 5% by Age-Gender\* Variables)

*\*Patients were classified in 12 different age-gender strata (e.g. 70-75 year old males). The top 5% most costly patients within each stratum were then analyzed by patient race, CMS region of residence, and most frequently occurring principal claim diagnoses.*

*Note: Discussion of these tables is located in Section 5.9 of this report.*

### Y-1.1: 1998 Top 5% - Claim Beneficiary Age - Summary

1998 Patients by Age	Volume of Patients of This Age	Volume of Top 5% Cost Patients of This Age	Prevalence of Each Age Within All Patients
<64	403,435	20,176	11.5%
65-69	586,421	29,329	16.7%
70-74	716,149	35,820	20.4%
75-79	673,189	33,683	19.2%
80-84	521,957	26,109	14.9%
85+	610,642	30,201	17.4%
<b>All Patients</b>	<b>3,511,793</b>	<b>175,318</b>	<b>100.0%</b>

### Y-1.2: 1999 Top 5% - Claim Beneficiary Age - Summary

1999 Patients by Age	Volume of Patients of This Age	Volume of Top 5% Cost Patients of This Age	Prevalence of Each Age Within All Patients
<64	408,331	20,424	11.9%
65-69	578,857	28,963	16.9%
70-74	699,759	35,000	20.4%
75-79	673,420	33,700	19.7%
80-84	501,245	25,079	14.6%
85+	562,697	28,140	16.4%
<b>All Patients</b>	<b>3,424,309</b>	<b>171,306</b>	<b>100.0%</b>

### Y-1.3: 2000 Top 5% - Claim Beneficiary Age - Summary

2000 Patients by Age	Volume of Patients of This Age	Volume of Top 5% Cost Patients of This Age	Prevalence of Each Age Within All Patients
<64	428,470	21,433	11.9%
65-69	601,303	30,088	16.7%
70-74	723,160	36,168	20.2%
75-79	702,322	35,129	19.6%
80-84	536,075	26,821	14.9%
85+	598,535	29,934	16.7%
<b>All Patients</b>	<b>3,589,865</b>	<b>179,573</b>	<b>100.0%</b>

**Y-2.1: 1998 Top 5% - Claim Beneficiary Gender - Summary**

1998 Patients by Gender	Volume of Patients of This Gender	Volume of Top 5% Cost Patients of This Gender	Prevalence of Each Gender Within All Patients
Male	1,211,013	60,581	34.5%
Female	2,300,780	114,737	65.5%
All Patients	3,511,793	175,318	100.0%

**Y-2.2: 1999 Top 5% - Claim Beneficiary Gender - Summary**

1999 Patients by Gender	Volume of Patients of This Gender	Volume of Top 5% Cost Patients of This Gender	Prevalence of Each Gender Within All Patients
Male	1,190,222	59,527	34.7%
Female	2,234,087	111,779	65.3%
All Patients	3,424,309	171,306	100.0%

**Y-2.3: 2000 Top 5% - Claim Beneficiary Gender - Summary**

2000 Patients by Gender	Volume of Patients of This Gender	Volume of Top 5% Cost Patients of This Gender	Prevalence of Each Gender Within All Patients
Male	1,242,547	62,153	34.6%
Female	2,347,318	117,420	65.4%
All Patients	3,589,865	179,573	100.0%

### Y-3.1: 1998 Top 5% - Claim Beneficiary Race - Summary

1998 Patients by Race	Volume of Patients of This Race	Volume of Top 5% Cost Patients of This Race	Percent of Top 5% Cost Patients Within Each Race	Prevalence of Each Race Within All Top 5% Cost Patients	Prevalence of Each Race Within All Patients
Unknown	18,150	940	5.2%	0.5%	0.5%
White	3,084,538	138,633	4.5%	79.1%	87.8%
African-American	256,019	25,074	9.8%	14.3%	7.3%
Other	59,543	3,382	5.7%	1.9%	1.7%
Asian	29,247	2,157	7.4%	1.2%	0.8%
Hispanic	60,498	4,870	8.0%	2.8%	1.7%
N Amer Native	3,796	262	6.9%	0.1%	0.1%
All Patients	3,511,793	175,318	5.0%	100.0%	100.0%

### Y-3.2: 1999 Top 5% - Claim Beneficiary Race - Summary

1999 Patients by Race	Volume of Patients of This Race	Volume of Top 5% Cost Patients of This Race	Percent of Top 5% Cost Patients Within Each Race	Prevalence of Each Race Within All Top 5% Cost Patients	Prevalence of Each Race Within All Patients
Unknown	17,809	940	5.3%	0.5%	0.5%
White	2,995,885	134,324	4.5%	78.4%	87.5%
African-American	247,665	22,149	8.9%	12.9%	7.2%
Other	69,951	4,749	6.8%	2.8%	2.0%
Asian	29,705	2,602	8.8%	1.5%	0.9%
Hispanic	59,773	6,382	10.7%	3.7%	1.7%
N Amer Native	3,503	160	4.6%	0.1%	0.1%
All Patients	3,424,309	171,306	5.0%	100.0%	100.0%

### Y-3.3: 2000 Top 5% - Claim Beneficiary Race - Summary

2000 Patients by Race	Volume of Patients of This Race	Volume of Top 5% Cost Patients of This Race	Percent of Top 5% Cost Patients Within Each Race	Prevalence of Each Race Within All Top 5% Cost Patients	Prevalence of Each Race Within All Patients
Unknown	18,826	934	5.0%	0.5%	0.5%
White	3,134,700	140,997	4.5%	78.5%	87.3%
African-American	259,416	23,209	8.9%	12.9%	7.2%
Other	81,459	5,502	6.8%	3.1%	2.3%
Asian	30,956	2,681	8.7%	1.5%	0.9%
Hispanic	60,977	6,054	9.9%	3.4%	1.7%
N Amer Native	3,531	196	5.6%	0.1%	0.1%
All Patients	3,589,865	179,573	5.0%	100.0%	100.0%

#### Y-4.1: 1998 Top 5% - Claim Beneficiary CMS Region of Residence - Summary

1998 Patients by Region	Volume of Patients of This Region	Volume of Top 5% Cost Patients of This Region	Percent of Top 5% Cost Patients Within Each Region	Prevalence of Each Region Within All Top 5% Cost Patients	Prevalence of Each Region Within All Patients
I-Boston	199,560	9,027	4.5%	5.1%	5.7%
II-New York	367,731	12,858	3.5%	7.3%	10.5%
III-Philadelphia	368,508	19,355	5.3%	11.0%	10.5%
IV-Atlanta	718,523	43,686	6.1%	24.9%	20.5%
V-Chicago	736,979	28,723	3.9%	16.4%	21.0%
VI-Dallas	323,676	31,745	9.8%	18.1%	9.2%
VII-Kansas City	234,811	9,720	4.1%	5.5%	6.7%
VIII-Denver	115,696	3,870	3.3%	2.2%	3.3%
IX-San Francisco	327,905	13,605	4.1%	7.8%	9.3%
X-Seattle	116,633	2,655	2.3%	1.5%	3.3%
Unknown Region	1,771	75	4.2%	0.0%	0.1%
All Patients	3,511,793	175,318	5.0%	100.0%	100.0%

#### Y-4.2: 1999 Top 5% - Claim Beneficiary CMS Region of Residence - Summary

1999 Patients by Region	Volume of Patients of This Region	Volume of Top 5% Cost Patients of This Region	Percent of Top 5% Cost Patients Within Each Region	Prevalence of Each Region Within All Top 5% Cost Patients	Prevalence of Each Region Within All Patients
I-Boston	188,445	7,201	3.8%	4.2%	5.5%
II-New York	369,667	19,285	5.2%	11.3%	10.8%
III-Philadelphia	355,355	19,465	5.5%	11.4%	10.4%
IV-Atlanta	694,509	38,204	5.5%	22.3%	20.3%
V-Chicago	715,995	29,497	4.1%	17.2%	20.9%
VI-Dallas	315,908	27,652	8.8%	16.1%	9.2%
VII-Kansas City	225,529	7,675	3.4%	4.5%	6.6%
VIII-Denver	115,788	3,327	2.9%	1.9%	3.4%
IX-San Francisco	325,633	16,035	4.9%	9.4%	9.5%
X-Seattle	115,861	2,882	2.5%	1.7%	3.4%
Unknown Region	1,619	83	5.1%	0.0%	0.0%
All Patients	3,424,309	171,306	5.0%	100.0%	100.0%

**Y-4.3: 2000 Top 5% - Claim Beneficiary CMS Region of Residence – Summary**

<b>2000 Patients by Region</b>	<b>Volume of Patients of This Region</b>	<b>Volume of Top 5% Cost Patients of This Region</b>	<b>Percent of Top 5% Cost Patients Within Each Region</b>	<b>Prevalence of Each Region Within All Top 5% Cost Patients</b>	<b>Prevalence of Each Region Within All Patients</b>
<b>I-Boston</b>	197,391	7,011	3.6%	3.9%	5.5%
<b>II-New York</b>	383,698	22,196	5.8%	12.4%	10.7%
<b>III-Philadelphia</b>	369,571	20,301	5.5%	11.3%	10.3%
<b>IV-Atlanta</b>	734,363	43,167	5.9%	24.0%	20.5%
<b>V-Chicago</b>	748,235	27,740	3.7%	15.4%	20.8%
<b>VI-Dallas</b>	337,310	28,091	8.3%	15.6%	9.4%
<b>VII-Kansas City</b>	233,507	6,709	2.9%	3.7%	6.5%
<b>VIII-Denver</b>	122,263	3,120	2.6%	1.7%	3.4%
<b>IX-San Francisco</b>	340,023	18,148	5.3%	10.1%	9.5%
<b>X-Seattle</b>	121,978	3,028	2.5%	1.7%	3.4%
<b>Unknown Region</b>	1,526	62	4.1%	0.0%	0.0%
<b>All Patients</b>	<b>3,589,865</b>	<b>179,573</b>	<b>5.0%</b>	<b>100.0%</b>	<b>100.0%</b>